

REMARKS

Claims 1-5 are pending in the present application. In the above amendments, claims 1, 2, and 5 have been amended and new claims 6-29 have been added. Therefore, after entry of this amendment, Claims 1-29 will be pending.

Claims 1, 2, and 5 are amended to remove a typographical error.

Claim Rejections – 35 USC § 102

Claims 1 and 4 are rejected under 35 U.S.C. 102(e) as being anticipated by Gersho et al. (U.S. Patent 6,233,550). Applicant respectfully traverse this rejection.

Applicant respectfully submits that Gresho does not disclose “generating transition frames . . . , said transition frames comprising background noise information,” as claimed in claims 1 and 4.

Therefore, since the cited reference does not disclose at least the above limitation, Applicants respectfully request the Examiner to withdraw this rejection.

Claim Rejections – 35 USC § 103

Claims 2, 3, and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gersho et al. (U.S. Patent 6,233,550) in view of Duke et al. (U.S. Patent 6,272,633). Applicant respectfully traverse this rejection.

Applicant respectfully submits that neither Gresho nor Duke discloses “providing a state vector to said decryption module, said state vector incremented at a predetermined rate” or “disabling said state vector when said queue is in an underflow condition,” as calimed in independent claim 2. Similarly, neither Gresho nor Duke discloses “a state vector is enabled when at least one data frame becomes available for encryption in said queue,” as calimed in independent claim 4. Applicant respectfully disagrees with the Examiner that “[t]he state vector which is provided to the encryption/decryption modules is disabled when the buffer (queue) is an underflow condition.” (Office Action of July 15, 2004, page 5, lines 2-4). The Examiner has not cited where this limitation may be allegedly found in Duke.

Therefore, since the cited references do not disclose at least the above limitations, Applicants respectfully request the Examiner to withdraw this rejection.

New Claims

Applicant has added new claims 6-29, without introducing any new matter. The support for the newly claimed limitations are provided in Figure 7, 9, 11, and 12, among other places.

Specification

Applicant provides herewith amendments to the specification. The amendments to the specification are made by presenting marked up replacement paragraphs which identify changes made relative to the immediate prior version.

The changes made are primarily typographical or grammatical in nature, or involve minor clarifications of awkward wordings. Applicant believes these changes add no new matter to the application and are fully supported by the original disclosure.

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REQUEST FOR ALLOWANCE

In view of the foregoing, Applicant submits that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

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Respectfully submitted,

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